

Answers

Name _____

Period _____

Identify each of the following as an example of a physical property or a chemical property.

1. Silver tarnishes when it comes in contact with hydrogen sulfide in the air.

Chemical

2. A banana is yellow.

physical

3. A sheet of copper can be pounded into a bowl.

physical

4. Barium melts at 725 C.

physical

5. Gasoline is flammable.

chemical

6. A diamond is the hardest natural substance.

physical

7. Helium does not react with any other element.

chemical

8. A bar of lead is more easily bent than is a bar of aluminum of the same size.

physical

9. Potassium metal is kept submerged in oil to prevent contact with oxygen or water.

chemical

10. An apple will turn brown if left in oxygen.

chemical

11. Diamond dust can be used to cut or grind most other materials.

physical

12. Acid in tomato sauce can corrode aluminum foil.

Chemical

13. Rocks containing carbonates can be identified because they fizz when hydrochloric acid is applied.

chemical

14. A piece of charcoal, which is mostly the substance carbon, glows red, gives off heat, and becomes a gray ash.

chemical

ID each as a Physical Change or Chemical Change

10) A piece of paper being shredded.

physical

11) Plastic melting.

physical

12) Water vapour accumulating in the atmosphere.

physical

13) Dry ice turning to gas.

physical

14) Digesting food.

physical/chemical

15) Chopping fire wood.

physical

16) Baking a cake.

chemical

17) Creating an iron alloy.

chemical

18) Wet clothes drying.

physical

19) Paper that has caught on fire.

chemical

20) Photosynthesis.

chemical

21) The electrolysis of water to produce hydrogen and oxygen.

chemical

22) Sulphur melting.

physical

23) Fuel burning in a car.

chemical